




TECHNICAL REPORT

**61713 Woking CPR**  
**Ironmongery Report**

Eric Leitch

11003-MDG-ZZ-ZZ-RP-A-81-ZZ.05  
Revision P01  
02.06.2020

## Verification

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		Signature	Date	Signature**	Date	Signature**	Date
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## Summary

This report summarises the ironmongery proposed for Woking CPR.

**Contents**

1 Introduction.....6

2 Scope .....6

3 Ironmongery Set Numbers .....8

## Abbreviations

MDG      McAlpine Design Group

## **1 Introduction**

Ironmongery is identified in the form of standardised set numbers, which have been identified on the drawings listed below. They are also listed on the door schedule.

## **2 Scope**

This document covers the proposed ironmongery set numbers for the Woking CPR

The Ironmongery report is to be read in conjunction with the Ironmongery specification 11003-MDG-ZZ-XX-SP-A-P21.

The doors are identified on the following drawings:

11003-MDG-GA-GF-DR-A-22-GA.01  
11003-MDG-GB-GF-DR-A-22-GB.01  
11003-MDG-GC-GF-DR-A-22-GC.01  
11003-MDG-GD-GF-DR-A-22-GD.01  
11003-MDG-UA-UG-DR-A-22-UA.01  
11003-MDG-UB-UG-DR-A-22-UB.01  
11003-MDG-UC-UG-DR-A-22-UC.01  
11003-MDG-UD-UG-DR-A-22-UD.01  
11003-MDG-1A-01-DR-A-22-1A.01  
11003-MDG-1B-01-DR-A-22-1B.01  
11003-MDG-1C-01-DR-A-22-1C.01  
11003-MDG-1D-01-DR-A-22-1D.01  
11003-MDG-2A-02-DR-A-22-2A.01  
11003-MDG-2B-02-DR-A-22-2B.01  
11003-MDG-2C-02-DR-A-22-2C.01  
11003-MDG-2D-02-DR-A-22-2D.01  
11003-MDG-3A-03-DR-A-22-3A.01  
11003-MDG-3B-03-DR-A-22-3B.01  
11003-MDG-3C-03-DR-A-22-3C.01  
11003-MDG-3D-03-DR-A-22-3D.01  
11003-MDG-4A-04-DR-A-22-4A.01  
11003-MDG-4B-04-DR-A-22-4B.01

11003-MDG-4C-04-DR-A-22-4C.01  
11003-MDG-4D-04-DR-A-22-4D.01  
11003-MDG-5A-05-DR-A-22-5A.01  
11003-MDG-5B-05-DR-A-22-5B.01  
11003-MDG-5C-05-DR-A-22-5C.01  
11003-MDG-5D-05-DR-A-22-5D.01  
11003-MDG-6A-06-DR-A-22-6A.01  
11003-MDG-6B-06-DR-A-22-6B.01  
11003-MDG-6C-06-DR-A-22-6C.01  
11003-MDG-6D-06-DR-A-22-6D.01  
11003-MDG-7A-07-DR-A-22-7A.01  
11003-MDG-7B-07-DR-A-22-7B.01  
11003-MDG-7C-07-DR-A-22-7C.01  
11003-MDG-7D-07-DR-A-22-7D.01  
11003-MDG-8A-08-DR-A-22-8A.01  
11003-MDG-8B-08-DR-A-22-8B.01  
11003-MDG-8C-08-DR-A-22-8C.01  
11003-MDG-8D-08-DR-A-22-8D.01  
11003-MDG-9A-09-DR-A-22-9A.01  
11003-MDG-9B-09-DR-A-22-9B.01  
11003-MDG-9C-09-DR-A-22-9C.01  
11003-MDG-9D-09-DR-A-22-9D.01  
11003-MDG-10A-10-DR-A-22-10A.01  
11003-MDG-10B-10-DR-A-22-10B.01  
11003-MDG-10C-10-DR-A-22-10C.01  
11003-MDG-10D-10-DR-A-22-10D.01  
11003-MDG-11A-11-DR-A-22-11A.01  
11003-MDG-11B-11-DR-A-22-11B.01  
11003-MDG-11C-11-DR-A-22-11C.01  
11003-MDG-11D-11-DR-A-22-11D.01

### 3 Ironmongery Sets

<b>Set Number 01a</b> (Stair to Core Lobby)			
Colour identifier		Double Door (Timber – is this correct?)	
Operation	Bolt through DDA compliant stainless steel pull handle and stainless steel push plate to each leaf.		
Locking	Cylinder mortice lock. Suited interchangeable double Europrofile cylinder keyed both sides		
Accessories	Hinges by door supplier Intumescent packs as required for fire certification by door supplier 'Not cold to touch' 32mm dia. pull handles 600mm minimum length – bolt through fixing Stainless steel push plates. Fully adjustable heavy duty overhead closer to EN 1154. With hold open options (X2) Kick Plates to both leaves both sides. Low profile – 6 x 102 mm ramped stainless steel thresholds.		
Signage	"Fire door keep shut" signs		

Applies to Door Nos:

DGF01.01



## Set Number 01b (Stair and stair lobby doors)

<b>Colour identifier</b>		<b>Leaf and half door (Timber – is this correct?)</b>	
<b>Operation</b>	Bolt through stainless steel pull handle and stainless steel push plate to each leaf		
<b>Locking</b>	Not required		
<b>Accessories</b>	Hinges by door supplier Intumescent packs as required for fire certification by door supplier 'Not cold to touch' 32mm dia. pull handles 600mm minimum length – bolt through fixing Stainless steel push plates. Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open option (X2) suitable for unequal door leaves. Kick plates (both sides) Low profile 6 x 102mm ramped stainless steel thresholds		
<b>Signage</b>	"Fire door keep shut" signs		

Applies to Door Nos:

DGF09.02, DGF11.01, DGF17.01, DGF18.01, DGF22.01

DUG02.01, DUG10.01, DUG11.01, DUG17.01, DUG18.01, DUG22.01

## Set Number 01c (Stair and stair lobby doors)

Colour identifier		Single door (Timber- is this correct?)	
Operation	Bolt through stainless steel pull handle and stainless steel push plate		
Locking	Not required		
Accessories	Hinges by door supplier Intumescent packs as required for fire certification by door supplier 'Not cold to touch' 32mm dia. pull handles 600mm minimum length – bolt through fixing Stainless steel push plates. Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open option. Kick plates (both sides) Low profile 6 x 102mm ramped stainless steel thresholds Doors indicated * - Powered door. Fire activated with 'hold open'.		
Signage	"Fire door keep shut" signs		

Applies to Door Nos:

D0101.01\*, D0101.02, D0110.01, D0111.01, D0117.01, D0118.01,  
 D0201.01\*, D0202.01, D0210.01, D0211.01, D0217.01, D0218.01  
 D0301.01\*, D0302.01, D0310.01, D0311.01, D0317.01, D0318.01  
 D0401.01\*, D0402.01, D0410.01, D0411.01, D0417.01, D0418.01  
 D0501.01\*, D0502.01, D0510.01, D0511.01, D0517.01, D0518.01  
 D0601.01\*, D0602.01, D0610.01, D0611.01, D0617.01, D0618.01  
 D0701.01\*, D0702.01, D0709.01, D0711.01, D0717.01, D0718.01  
 D0801.01\*, D0802.01, D0809.01, D0811.01, D0717.01, D0818.01  
 D0901.01\*, D0902.01, D0910.01, D0911.01, D0917.01, D0916.01  
 D1001.01\*, D1002.01, D1010.01, D1011.01, D1017.01, D1018.01  
 D1109.02 (Is this door required? It is shown on GA, it is not on schedule)

## Set Number 02a (Riser Access)

Colour identifier		Single Door (Metal)	
Operation			
Locking	Cylinder mortice lock. Suited interchangeable double Europrofile cylinder external, DDA compliant thumb turn internal		
Accessories	Bolt through roses with pull Hinges by door supplier Intumescent packs as required for fire certification by door supplier Kick plate exposed to traffic face only Low profile 6 x 102mm ramped stainless steel threshold		
Signage	“Fire door keep locked shut” sign external (not required on D0121.01) “Roof access keep locked shut” sign to D0121.01		

Applies to Door Nos –

DGF06.01, DGF07.01, DGF08.01 DGF16.01,  
 DUG06.01, DUG07.01, DUG08.0, DUG16.01  
 D0106.01, D0107.01, D0108.01, D0116.01,  
 D0206.01, D0207.01, D0208.01, D0216.01  
 D0306.01, D0307.01, D0308.01, D0316.01  
 D0406.01, D0407.01, D0408.01, D0416.01  
 D0506.01, D0507.01, D0508.01, D0516.01  
 D0606.01, D0607.01, D0608.01, D0616.01  
 D0706.01, D0707.01, D0708.01, D0716.01  
 D0806.01, D0807.01, D0808.01, D0816.01  
 D0906.01, D0907.01, D0908.01, D0916.01  
 D1006.01, D1007.01, D1008.01, D1016.01

## Set Number 02b (Riser access)

Colour identifier		Double Door (Metal)	
Operation			
Locking	Cylinder mortice lock. Suited interchangeable double Europrofile cylinder lock - primary leaf external, DDA compliant thumb turn - internal		
Accessories	Bolt through roses with pull both sides of active leaf Hinges by door supplier Intumescent packs as required for fire certification by door supplier Kick plates exposed to traffic face only Lever action flush bolts (top and bottom secondary leaf) Low profile 6 x 102mm ramped stainless steel thresholds		
Signage	"Fire door keep locked shut"		

Applies to Door Nos:

DGF15.01, DGF20.01,

DUG15.01, DUG20.01, GF54.01(this maybe wrong number), Un-numbered door in Plant room 4, DUG40.03, DUG40.04

D0115.01, D0120.01,

D0215.01, D0220.01

D0315.01, D0320.01

D0415.01, D0420.01

D0515.01, D0520.01

D0615.01, D0620.01

D0715.01, D0720.01

D0815.01, D0820.01

D0915.01, D0920.01

D1015.01, D1020.01

D1115.01

## Set Number 03a (Retail unit to Lobby)

<b>Colour identifier</b>		<b>Double Door (Timber)</b>	
<b>Operation</b>	Bolt through stainless steel pull handle and stainless steel push plate to each leaf		
<b>Locking</b>	Not required		
<b>Accessories</b>	Hinges by door supplier Intumescent packs as required for fire certification by door supplier 'Not cold to touch' 32mm dia. pull handles 600mm minimum length – bolt through fixing Stainless steel push plates. Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open option (X2) Kick plates (both sides) Low profile 6 x 102mm ramped stainless steel thresholds		
<b>Signage</b>	"Fire door keep shut" signs		

Applies to doors:

DGF44.01DGF45.01, DGF46.01

## Set Number 03b (Retail unit to Lobby)

Colour identifier		Single Door (Timber)	
Operation	Bolt through stainless steel pull handle and stainless steel push plate		
Locking	Not required		
Accessories	Hinges by door supplier Intumescent packs as required for fire certification by door supplier 'Not cold to touch' 32mm dia. pull handles 600mm minimum length – bolt through fixing Stainless steel push plate. Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open option Kick plates (both sides) Low profile 6 x 102mm ramped stainless steel threshold		
Signage	“Fire door keep shut” signs		

Applies to Door Nos:

DGF36.01, DGF47.01, DGF61.01

DUG32.02

## Set Number 04a (Retail unit to service corridor or lobby)

Colour identifier		Double Door (Timber)	
Operation	Vertical panic bolt exit device with 2 point locking to EN 1125-CE marked - full width of door. Class 1 to EN 1634(inside)  Outside access device with DDA compliant stainless steel lever handle to EN 1906 (outside). Bolt through fixings if possible		
Locking	Two point locking, upper and lower Pullmans (primary leaf)  Interchangeable Europrofile cylinder lock to access device (primary leaf external).  Temporary cylinder to be fitted, to be replaced by tenant.		
Accessories	Hinges by door supplier  Metal door strikes  Fully adjustable heavy duty overhead closers to EN 1154- No hold open options (X2)  Kick plates (both sides)  Low profile 6 x 102mm ramped stainless steel threshold		
Signage	Internal “Push bar to open” sign  Both sides “Fire door keep shut” sign		

Applies to doors:

DGF41.01, DGF42.01, DGF44.02

DUG21.02, DUG21.03,

## Set Number 04b (Retail unit lobby to service corridor)

Colour identifier		Single Door (Timber)	
<b>Operation</b>	Vertical panic bolt exit device with 2 point locking to EN 1125-CE marked - full width of door. Class 1 to EN 1634(inside)  Outside access device with DDA compliant stainless steel lever handle to EN 1906. Bolt through fixings if possible.		
<b>Locking</b>	Two point locking, upper and lower Pullmans  Interchangeable Europrofile cylinder lock to access device.  Temporary cylinder to be fitted, to be replaced by tenant.		
<b>Accessories</b>	Hinges by door supplier  Metal door strikes  Fully adjustable heavy duty overhead closer to EN 1154- No hold open options  Kick plates (both sides)  Low profile 6 x 102mm ramped stainless steel threshold		
<b>Signage</b>	Internal "Push bar to open" sign  Both sides "Fire door keep shut" sign		

Applies to Door Nos:

DGF38.01,

DGF06.02 (This may be incorrect number as the door is on UGF)



## Set Number 05 (Service corridor to service corridor)

Colour identifier		Double Door (Timber)	
Operation	Stainless steel push plate and DDA compliant pull handle to both doors.		
Locking	N/A		
Accessories	Hinges by door supplier Intumescent packs as required for fire certification by door supplier 'Not cold to touch' 32mm dia. pull handles 600mm minimum length – bolt through fixing Stainless steel push plates. Fully adjustable heavy duty overhead closer to EN 1154. No hold open options (X2) Kick Plates to both leaves both sides. Electromagnetic hold open device connected to fire alarm		
Signage	"Automatic fire door keep clear" on face of each door leaf visible when open		

Applies to Door Nos:

DGF38.02, DGF40.01, DGF40.05, DGF21.01, DGF21.02, DGF42.02

## Set Number 06 (Final exit)

Colour identifier		Double Door (Metal)	
<b>Operation</b>	Vertical panic bolt exit device with 2 point locking to EN 1125-CE marked - full width of door. Class 1 to EN 1634(inside)  Outside access device with DDA compliant stainless steel lever handle to EN 1906 (primary leaf outside). Bolt through fixings if possible.		
<b>Locking</b>	Two point locking, upper and lower Pullmans (primary leaf) Interchangeable Europrofile cylinder lock to access device (primary leaf external).		
<b>Accessories</b>	Hinges by door supplier External threshold plate by door supplier Metal strike plates (simultaneous release for metal doors) Kick plates inside (both leaves)		
<b>Signage</b>	Internal: "Push bar to open" sign External: "Fire exit keep clear" sign		

Applies to Door Nos:

DGF18.02, DGF25.05 (Note: Leaf and a half door), DGF22.02,

**Set Number 07** (Retail Entrance, Hotel Entrance, Stair exit)

Colour identifier		Double Door (Glass)	
Operation	All ironmongery by specialist. Doors indicated * - Powered door. Fire activated with 'hold open'.		
Locking			
Accessories			
Signage			

Applies to Door Nos:

DGF09.01\*, DGFTA.01, DGFTA.02, DGFTB.01, DGF52.01  
DUG01.01\*, DUG09.01\*, DUG09.02, DUG31.01, DUG31.02,  
D0822.01\*

**Set Number 08a** (Cupboard / Plant Room / Plant Space)

Colour identifier		Single Door (Timber)	
Operation	DDA compliant stainless steel lever handles set to EN 1906 (both sides primary leaf) Split spindle		
Locking	Mortice escape sash lock. Suited interchangeable double Europrofile cylinder lock DDA compliant thumb turn internal		
Accessories	Hinges by door manufacturer Intumescent packs as required for fire certification by door supplier Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open option Escutcheons for timber doors Bolt through roses Kick plates both sides Low profile 6 x 102mm ramped stainless steel threshold		
Signage	"Fire door keep shut" sign		

Applies to Door Nos:

DGF35.01

DUG34.01, DUG28.01

## Set Number 08b (Cupboard / Plant Room / Plant Space)

Colour identifier		Single Door (Metal)	
Operation	DDA compliant stainless steel lever handles set to EN 1906. Split spindle		
Locking	Mortice escape sash lock. Suited interchangeable double Europrofile cylinder lock DDA compliant thumb turn internal		
Accessories	Hinges by door manufacturer Intumescent packs as required for fire certification by door supplier Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open option Escutcheons for metal doors Bolt through roses Kick plates both sides Low profile 6 x 102mm ramped stainless steel threshold		
Signage	“Fire door keep shut” sign		

Applies to Door Nos:

D0122.02, D01P3.01

D1117.01

## Set Number 08c (Cupboard / Plant Room / Plant Space)

Colour identifier		Double Door (Timber)	
Operation	DDA compliant stainless steel lever handles set to EN 1906 (both sides primary leaf) Split spindle		
Locking	Mortice escape sash lock. Suited interchangeable double Europrofile cylinder lock DDA compliant thumb turn internal		
Accessories	Hinges by door manufacturer Intumescent packs as required for fire certification by door supplier Fully adjustable heavy duty overhead closers to EN 1154 (10 year guarantee) No hold open option Lever action flush bolts (top and bottom secondary leaf) Escutcheons for timber doors Bolt through roses Kick plates both sides Low profile 6 x 102mm ramped stainless steel threshold		
Signage	“Fire door keep shut” sign		

Applies to Door Nos:

DUG21.01

## Set Number 08d (Cupboard / Plant Room / Plant Space)

Colour identifier		Double Door (Metal)	
<b>Operation</b>	DDA compliant stainless steel lever handles set to EN 1906 (both sides primary leaf) Split spindle		
<b>Locking</b>	Mortice escape sash lock. Suited interchangeable double Europrofile cylinder lock DDA compliant thumb turn internal		
<b>Accessories</b>	Hinges by door manufacturer Intumescent packs as required for fire certification by door supplier Fully adjustable heavy duty overhead closers to EN 1154 (10 year guarantee) No hold open option Lever action flush bolts (top and bottom secondary leaf) Escutcheons for metal doors Bolt through roses Kick plates both sides Low profile 6 x 102mm ramped stainless steel threshold		
<b>Signage</b>	"Fire door keep shut" sign		

Applies to Door Nos:

D0122.01, D0122.03, D01P1.01, D01P2.01

## Set Number 09 (Green Car Park Link)

Colour identifier		Double Leaf (Metal/ Glass)	
Operation	Stainless steel push plate and DDA compliant pull handle (both doors)		
Locking	No door lock		
Accessories	Hinges by door supplier Intumescent packs as required for fire certification by door supplier Internal threshold by door supplier Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) No hold open options (pair) Door stops Kick plates push side		
Signage	“Fire door keep shut” sign		

Applies to Door Nos:

D0121.02



**Set Number 10** (Catering Vents Access)

Colour identifier		Single and double leaf (Hinged fin panel by specialist)	
Operation			
Locking	Suited padlock.		
Accessories	Hinges by specialist Slip bolts (top and bottom of secondary leaf on double leaf panel)		
Signage	“Authorised personnel only” sign		

Applies to Door Nos:

D01??, D01??

D02??, D02??

D04??, D04??

## Set Number 11 (Access to roof)

Colour identifier		Single Door (Metal (M), Timber (T))	
Operation	Single DDA compliant stainless steel lever handle to EN 1906 (roof (escape) side). Pull handle (opposite side) Mortice escape deadlocking night latch		
Locking	Suited interchangeable single Europrofile cylinder lock to the inside of the stair tower. Door to be automatically locked when closed, opened by key to gain access onto roof.. For escape purposes the door is to be free to open from roof side without the use of a key		
Accessories	Hinges by door supplier External threshold by door supplier Metal door strikes Overhead restrictor to external doors / Fully adjustable heavy duty overhead closer to EN 1154 (10 year guarantee) no hold open to internal doors		
Signage	“Fire exit keep clear“ “Authorised Personnel Only“ (To stair side)		
*Escape required both directions			

Applies to Door Nos:

D0121.01 (M)

D1102.01(T), D1109.01 (M), D1118.01

Set Number 12 (UKPN Substation)			
Colour identifier		Single / Double Door (metal louvred)	
Operation	All ironmongery to UKPN requirements.		
Locking	To UKPN requirements with padlock free issued by UKPN		
Accessories			
Signage			

Applies to Door Nos:  
DGF29.01, DGF29.02

Set Number 13 (Thamesway Substation)			
Colour identifier		Double Door (metal louvred)	
Operation	All ironmongery to Thamesway requirements.		
Locking	To Thamesway requirements with padlock free issued by Thamesway		
Accessories			
Signage			

Applies to Door Nos:  
DGF28.01, DGF28.02

END